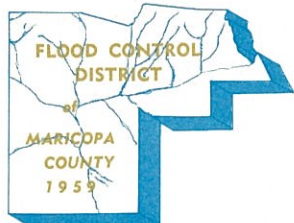


42V 100 100 101



# **FLOOD CONTROL DISTRICT**

**of**

## **Maricopa County**

2801 West Durango Street • Phoenix, Arizona 85009  
Telephone (602) 506-1501  
Fax (602) 506-4601  
TDD (602) 506-5897

BOARD OF DIRECTORS  
Betsey Bayless  
James D. Bruner  
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Mary Rose Garrido Wilcox

Neil S. Erwin, P.E., Chief Engineer and General Manager

March 4, 1993

Mr. James Vreeland  
Arizona Program Officer  
US EPA H-3-1  
75 Hawthorne Street  
San Francisco, California 95105

Dear Mr. Vreeland:

As you requested, I am enclosing a copy of Western Technologies' report on the clean-up of medical waste from the Salt River.

If you should need any additional information, please contact me at 506-1501.

Sincerely,

Catesby W. Moore  
Environmental Program Manager

Enclosure



**Western  
Technologies  
Inc.**  
The Quality People  
Since 1955

3737 East Broadway Road  
Phoenix, Arizona 85040  
(602) 437-3737 • fax 470-1341

FLOOD CONTROL DISTRICT RECEIVED	
MAR 03 1993	
CHENG	P & PM
DEP	HYDRO
ADMIN	LMGT
FINANCE	FILE
C & O	ICWM
ENGR	
REMARKS	

March 3, 1993

Flood Control District of Maricopa County  
2801 West Durango Street  
Phoenix, Arizona 85009

Attn: Ms. Catesby Moore, Environmental Program Coordinator

Re: Medical Waste Removal from the Salt River, Maricopa County, Arizona.  
WT Ref. No. FCD-030.

Western Technologies Inc. (WT) presents this letter summarizing field activities during the removal of medical waste along the Salt River within Maricopa County, Arizona. The field work was conducted on February 17, 1993. WT was verbally authorized to conduct these services by you on February 17, 1993. The services were performed in accordance with FCDMC Contract No. 90-70, dated May 29, 1991.

WT was requested to respond to a report of medical waste by Ms. Catesby Moore of the FCDMC. The waste was reportedly along the south shore of the Salt River within a Maricopa County area of jurisdiction, within the north half of Section 13, Township 1 North, Range 4 East of the Gila and Salt River Baseline and Meridian.

David Regonini of WT arrived at the reported location and began a cursory review of the south river bank. A small amount of medical waste consisting of intra-venous (IV) tubing, saline solution bags, blood bags, syringes, vials, and plastic gloves was found. WT observed a label with the name, "Scottsdale Memorial Hospital" on one of the blood bags. Additional review was performed along the Salt River bank generally bordering property occupied by a cabinet-making business known as "Woodchuckers, Inc." The purpose of this initial review was to identify areas where large quantities of medical waste had accumulated on the surface. Photographs of the area are attached to this letter.

Ms. Catesby Moore of FCDMC arrived at the site at approximately 12 p.m. At this time, Mr. Rick DeBruhl of the KPNX Broadcasting Company and members of the general public were present at the site. Some discussions were held between these individuals about the medical waste problem. Individuals from Woodchuckers indicated that medical waste was generally scattered throughout the area to the west, and was most prevalent along the high water line. Subsequently, WT was requested by FCDMC to further evaluate this area and remove any medical waste that may be encountered.

A second field representative from WT arrived at the site at approximately 2 p.m. and began the second assessment. WT found additional materials including syringes, used gloves and medicine

Flood Control District of Maricopa County  
FCD-030

vials. WT had obtained medical waste sharps containers for the material and placed the collected waste into one 8-gallon container.


At approximately 4 p.m., WT contacted BFI Medical Waste Systems to arrange for pick-up of the material. While awaiting the arrival of BFI, individuals with Woodchuckers returned and identified an additional area of medical waste. WT removed a small box containing used cotton swabs, plastic liners, and syringes. These materials were placed into a second 8-gallon container.

BFI arrived at the site at approximately 4:45 and removed the two containers for incineration. A copy of the waste tracking document is attached to this letter.

WT left the site at approximately 5:00 p.m.

This completes our services for this project. If we can offer additional assistance, or if you have any questions, please call us at our Phoenix office at (602) 437-3737.

Respectfully submitted,  
**WESTERN TECHNOLOGIES INC.**



David Regorini  
Regulatory Affairs Manager

DR

attachments:        Photographs  
                         BFI Waste Tracking Receipt







**Photograph No. 1**  
**Medical Waste Accumulated on the South Shore of the Salt River.**



**Photograph No. 2**  
**The Area of Assessment along the South Bank of the Salt River.**





**Photograph No. 3**  
**The 8-Gallon Sharps Container and the Area of Removed Medical Waste**



**Photograph No. 4**  
**The Area where Used Swabs and Syringes were Found and Removed.**





## DISTRICT

	CONTAINER	CAPACITY	LOS ANGELES	SAN DIEGO	CENTRAL CA	NORTHERN CA	ARIZONA
TUBS	A	80 Gal		x			
	B	90 Gal	x	x			
	BY	90 Gal	x		x		
	M	20 Gal	x	x	x		
	MY	20 Gal	x		x		
	S	44 Gal	x	x	x	x	x
	SR	44 Gal	x	x		x	x
	SY	44 Gal	x			x	x
	W	28 Gal					x
CHEMO BOXES	CB	20" x 12" x 22"	23 Gal	x			
	CB	15 1/2" x 15 1/2" x 25"	26 Gal				
	CB	21" x 18" x 27"	45 Gal				
PATH BOXES	PB	20" x 12" x 11"	11 Gal		x		
	PB	15 1/2" x 15 1/2" x 25"	26 Gal			x	
OTHER BOXES	X	12" x 12" x 12"	7 Gal				
	X	15 1/2" x 15 1/2" x 25"	26 Gal	x		x	x
	IB	17" x 17" x 24"	31 Gal		x	x	
	X	17" x 17" x 24"	31 Gal		x	x	
	X	18" x 18" x 24"	33 Gal			x	
	X	24" x 20" x 22"	45 Gal	x			x
FIBER DRUMS	FR	16 Gal					
	FR	20 Gal					
	F	26 Gal	x			x	
	FY	26 Gal					
SHARPS CONTAINERS	QA	.7 Qt.	x			x	
	QH	.7 Qt.					
	QI	.7 Qt.	x		x	x	x
	QB	1.7 Qt.	x		x	x	x
	QH	1.7 Qt.	x		x	x	x
	QC	4.7 Qt.	x		x	x	x
	QH	4.7 Qt.		x			
	QD	6.2 Qt.	x		x	x	x
	QG	6.2 Qt.		x			
	QM	8 Qt.	x				
	QE	10 Qt.	x		x	x	x
	QG	10 Qt.	x		x	x	x
	QJ	10 Qt.			x	x	x
	QJ	10 Qt. (CHEMO)	x		x	x	x
	QF	23 Qt.	x		x	x	x
	QK	23 Qt. (CHEMO)	x	x	x	x	x
	QL	23 Qt.		x			
	QL	32 Qt.	x	x			x
	L	17 Gal		x			